

**BOND POOL PROJECTS  
2000-02 EQUIPMENT REPLACEMENT PROGRAM**

***ACTION***  
**Agenda Item G-2**  
**November 13, 2000**

**Recommendation:**

The staff recommends that the Council approve the allocation of the 2000-02 Equipment Replacement Program projects at the Kentucky Community and Technical College System and the universities (Attachment 2). Bond funds will be available to purchase instructional equipment in January 2001. Bond funds should be available in January 2001 to purchase research equipment as institutions certify to the Finance and Administration Cabinet that matching funds have been committed to eligible research equipment projects. Council action represents a recommendation to the Secretary of the Finance and Administration Cabinet for final action.

**Background:**

- House Bill 502 includes authorization for a \$20 million, seven-year bond issue to upgrade and replace instructional and research equipment. The 2000-02 Equipment Replacement Program is part of the Council's Technology Initiative Trust Fund. Debt service for these bonds is in the Technology Initiative Trust Fund appropriated to the Council.
- Institutions have identified the equipment to be purchased using funds from this pool. For research equipment purchases, each institution is required to match state funds dollar for dollar.
- Institutions have certified that at least their 1999-2000 level of actual unrestricted instruction and research expenditures for instructional and research equipment replacement will be maintained.

The Equipment Replacement Program was established by HB 502 to allow postsecondary institutions to have a substantial investment in instructional and research equipment that needs to be routinely upgraded and replaced. These funds will be used to upgrade and replace instructional and research equipment with an expected life of five years or less. The pool contains \$20 million in bond proceeds that are allocated proportionally among institutions based on 1998-99 actual unrestricted instruction and research expenditures. Institutions plan to expend 89 percent (\$18,226,500) of the pool to purchase instructional equipment and the remaining 11 percent (\$1,773,500) from the pool to acquire research equipment.

Only one institution, the University of Louisville, will use trust funds to acquire research equipment. The University of Louisville will expend \$3,547,000 (\$1,773,500 from the pool and \$1,773,500 from matching funds) to purchase research equipment. Institutions replacing research equipment are required to match trust funds dollar for dollar. The availability of research equipment matching funds must be certified by the institution prior to the release of the trust funds. Matching funds may be from sponsored research funds or other sources but may not be from the Research Challenge Trust Funds or any other state-funded trust fund. Specific items of equipment to be funded from the pool are included as Attachment 2.

Access to the 2000-02 Equipment Replacement Program requires institutions to maintain at least the 1999-2000 level of actual unrestricted instruction and research expenditures for instructional and research equipment replacement. Each institution has agreed to that stipulation (see Attachment 1).

**Technology Initiative Trust Fund  
2000-02 Equipment Replacement Program  
Actual 1999-00 Unrestricted Instruction and Research Equipment Expenditures**

<b>Institution</b>	<b>Instructional Equipment</b>	<b>Research Equipment</b>	<b>Total 1999-2000 Expenditures</b>
<b>Research Universities</b>			
University of Kentucky	\$ 1,441,205	\$ 1,214,461	\$ 2,655,666
University of Louisville	1,006,302	1,318,004	2,324,306
<b>Comprehensive Universities</b>			
Eastern Kentucky University	1,207,250	-	1,207,250
Kentucky State University	82,508	-	82,508
Morehead State University	540,782	2,241	543,023
Murray State University	372,349	73,390	445,739
Northern Kentucky University	2,129,600	7,500	2,137,100
Western Kentucky University	1,243,360		1,243,360
<b>KCTCS</b>			
Community and Technical Colleges	1,259,400		1,259,400
<b>System Total - All Equipment Requests</b>	<b>\$ 9,282,756</b>	<b>\$ 2,615,596</b>	<b>\$ 11,898,352</b>

**Note:**

The universities and KCTCS have agreed to expend the same amount of institutional funds to replace or acquire new instructional or research equipment in FY 2000-01. These expenditures are in addition to any funds expended from the CPE Equipment Replacement Pool.

**2000-02 Enacted Budget (HB 502)**  
**Equipment Replacement Pool**

**Institution Name: Western Kentucky University**

Equipment Item Name	College	Dept.	Brief Description of Equipment	Project Implementation				Life Expect Years	Date of Acquisition
				Vendor	Unit Price	Quantity	Total Cost		
Instructional Equip Proj									
Overhead Projector	BGCC	BGCC	Horizon table top overhead projector	Cardinal Office Supply	\$182	4	\$728	7	Fall 2000
Portable Multimedia Projector	BGCC	BGCC	Features 700ANSI lumens of on-screen brightness & true SVGA 800x600	Cardinal Office Supply	4,252	2	8,504	7	Fall 2000
36" Television	BGCC	BGCC	36" Television.	Cardinal Office Supply	1,105	2	2,210	7	Fall 2000
IV Injection Arm	BGCC	AD Nursing	Supertube color TV IV Injection arm that allows for realistic IV training	Nasco Health Care	389	2	778	10	Fall 2000
Laptop Computers *	BGCC	BGCC	Latitude CPX -- Pentium #174; III 500MHZ processor, 14.1' XGA TFT Display	Dell Marketing Group	3,000	2	6,000	7	Fall 2000
Analytical Balance	BGCC	Arts & Sciences	Weighing device accurate to 0.01g	Fisher Scientific	955	1	955	10	Fall 2000
P.H. Meter	BGCC	Arts & Sciences	Device which measures acidity / alkalinity of substance	Fisher Scientific	975	1	975	10	Fall 2000
Hospital Bed	BGCC	AD Nursing	Electric bed double cross bar construction	National Health Supply	1,495	1	1,495	7	Fall 2000
Mattress for Hospital Bed	BGCC	AD Nursing	All electric bed 6 button control	National Health Supply	1,699	2	3,398	7	Fall 2000
Refractometer	BGCC	Arts & Sciences	Measuring device for specific gravity	Fisher Scientific	281	2	561	10+	Fall 2000
DI H2O Still	BGCC	Arts & Sciences	Device which deionizes water from tap water - needed for bio/chem lab	Fisher Scientific	2,000	1	2,000	10	Fall 2000

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Circulating Water Bath w/Cover	BGCC	Arts & Sciences	Unit that heats via water - allows one to maintain constant temperatures	Fisher Scientific	2,000	1	2,000	10	Fall 2000
Smart Cart	BGCC	BGCC	Portable multimedia presentation equipment including projector, VCR & cart	Nat'l Learning Sys.	8,000	1	8,000	7	Fall 2000
Multimedia for Auditorium	CEBS	Educational Technology	Projection units, podium, wireless system, wiring, touch screen control	MCSI	35,000	1	35,000	7	Spring 2001
Linknet	CEBS	Educational Technology	Instructional system that allows projection of computer output on any screen	Applied Computer Systems	16,000	1	16,000	7	Spring 2001
Console	CEBS	Educational Technology	Console to house Linknet and CPU	Constructed	4,000	1	4,000	10+	Spring 2001
CPU for Educational Technology Center	CEBS	Educational Technology	CPU to work with Linknet	Dell	4,000	1	4,000	5	Spring 2001
Computers with Monitor	CEBS	Educational Technology	Dell pentium III 660 MHZ for each department	Dell	1,700	6	10,200	5	Spring 2001
Computers with Monitor	CEBS	Educational Technology	Dell pentium III 660 MHZ Educational Technology Center	Dell	1,700	20	34,000	5	Spring 2001
Commercial Cookware	CEBS	Cons & Family Science	Pots, pans, utensils, baking sheets, pyrex dishes, colanders, knives	Restaurant supply	625	8	5,000	10	ASAP

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							Total Cost	Life Expect Years	
Tents	CEBS	Recreation	Outdoor equipment for Recreation classes	NATS	240	8	1,918	7	Spring 2001
Computer and Proxima / Document Camera *	GFCB	Marketing	Computer and Proxima / Document Camera	CCS Inc.	8,000	1	8,000	5	ASAP
Proxima & Document Camera	GFCB	Accounting	Proxima & Document Camera	CCS Inc.	3,000	2	6,000	5	ASAP
Proxima & Document Camera	GFCB	Finance	Overhead projector used for classroom instruction	The Projector Superstore	4,000	1	4,000	5	January 2001
Smart Classroom *	GFCB	Marketing	Ceiling mounted projector, computer w/wireless keyboard, VCR, etc.	Consolidated Media	20,000	1	20,000	10	January 2001
Smart Classroom *	GFCB	Economics	Ceiling mounted projector, computer w/wireless keyboard, VCR, etc.	Consolidated Media	20,000	1	20,000	10	January 2001
Tables and Chairs	GFCB	Accounting	Classroom Tables and Chairs	Cardinal Office Supply	5,500	4	22,000	10	ASAP
Tables and Chairs	GFCB	Economics	Classroom Tables and Chairs	Cardinal Office Supply	5,000	4	20,000	10	ASAP
Student Instruction System (Server)	INF TECH	Academic Technology	System to provide access to instructional services for students	Sun / Dell	85,000	1	85,000	5	ASAP
Student Directory System	INF TECH	Academic Technology	On-line student assignment access system: instructional services	Sun / Dell	60,000	1	60,000	5	ASAP

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				Vendor	Unit Price	Quantity	Total Cost		
SAS Software File and Database Server	INF TECH	Academic Technology	Server will administer SAS site license and provide SAS software to faculty	Dell or IBM	18,000	1	18,000	5	4th Qtr 2000
Linear Video Editor	INF TECH	Educational TV	Edit broadcast and video productions	Sony	45,000	1	45,000	10	January 10, 2001
Computers with Monitors *	INF TECH	Educational Telecomm	Dell pentium III 660 MHZ for Distance Learning classrooms	Dell	3,000	14	42,000	5	May 1, 2001
Virus Protection System	INF TECH	Academic Technology	Support for computers in all units (component of previously requested projects)	Norton	24,000	1	24,000	5	ASAP
Hydraulic Universal Tester	OCSTH	Engineering	Hydraulic Universal Tester	Instron	82,986	1	82,986	10+	Spring 2001
Instron Wilson Rockwell Hardness Tester	OCSTH	Engineering	Instron Wilson Rockwell Hardness Tester	Instron	12,760	1	12,760	10+	Spring 2001
Instron MicroHardness Tester	OCSTH	Engineering	Instron MicroHardness Tester	Instron	25,247	1	25,247	10+	Spring 2001
Pendulum Tester	OCSTH	Engineering	Instron Charpy Izod Pendulum Tester	Instron	30,885	1	30,885	10+	Spring 2001
Computer with Monitor *	OCSTH	Engineering	Dell latitude Laptop	Dell	1,955	1	1,955	5	Spring 2001
Fluid / Thermal Systems Laboratory	OCSTH	Engineering	Basic instructional tool key to Mech. Engineering Curriculum	Hampden	61,925	1	61,925	10+	Spring 2001
Circuits Laboratory	OCSTH	Engineering	Circuits Laboratory	Rixan Assoc., Newark Elec.	14,792	1	14,792	10+	Spring 2001

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							Total Cost	Life Expect Years	
Concrete Cylinder Testing Equipment	OCSTH	Engineering	Equipment to test concrete	Forney	24,000	1	24,000	10+	Spring 2001
Dental Clinic / Laboratory	OCSTH	AHHS	Lighting, Intra-oral Camera system, Cabinetry, Monitors, Simulation Manikins	Various	62,700	1	62,700	10+	Immediate
Skills Laboratory	OCSTH	Nursing	Laboratory for basic and advanced nursing skills	National Health Supply	37,440	1	37,440	15+	Spring 2001
Physical Assessment Laboratory	OCSTH	Nursing	Laboratory for advanced physical assessment skills, instruction & practice	National Health Supply	11,260	1	11,260	15+	Spring 2001
X-Ray Diffraction Spectrometer	OCSTH	Chemistry	X-RayDiffraction (XRD) Spectrometer	Rigaku XRD	170,000	1	170,000	10+	ASAP
Avid / Softimage DS Editing System	PCAHSS	Journ & Broad	An Avid non-linear video editing system bundled with Softimage	Roscor, Inc.	84,615	1	84,615	7	Immediate
Timpani (set of 5)	PCAHSS	Music	Five Timpani in various sizes (32",29",26",23",20")	Royal Music Company	26,760	1	26,760	22	Immediate
Stacker (Lift)	PCAHSS	Theatre & Dance	Unit to lift materials from the scene shop level up to the stage level	Lift-Rite Stackers	10,000	1	10,000	20	Fall 2000
Tech Classroom Unit	PCAHSS	Sociology	Toshiba TYG3 LCD Data Projector, Smart cart for DELL Computer,	Toshiba,Dell, HP	5,700	1	5,700	6+	January 2001
Tech Classroom Unit	PCAHSS	Sociology	Toshiba TYG3 LCD Data Projector, Smart cart for DELL Computer,	Toshiba,Dell, HP	5,700	1	5,700	6+	January 2001

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Laser Surveying Field Equipment with Total Station	PCAHSS	MLIS	Topcon GTS-602 AF/Laser Pro Series Total Station, Ni-Cad Charger, etc.	Forestry Suppliers	17,278	1	17,278	7	Fall 2000
Tech Classroom Unit	PCAHSS	Sociology	Toshiba TYG3 LCD Data Projector, Smart cart for DELL Computer,	Toshiba,Dell, HP	5,700	1	5,700	6+	January 2001
Tech Classroom Unit	PCAHSS	Sociology	Toshiba TYG3 LCD Data Projector, Smart cart for DELL Computer,	Toshiba,Dell, HP	5,700	1	5,700	6+	January 2001
Nikon DI Digital Camera	PCAHSS	Journ & Broad	3.11 MB Digital Camera	B&H Photo	4,900	1	4,900	5	ASAP
Table Saw (Unisaw)	PCAHSS	Theatre & Dance	An industrial quality table saw for the scene shop	Delta Unisaw	1,720	1	1,720	15	Fall 2000
Band Saw	PCAHSS	Theatre & Dance	18" Power band saw	Jett Saw Company	1,099	1	1,099	15	Fall 2000
Dell Optiplex GSI 10/T Computer *	PCAHSS	Journ & Broad	Desktop computer with extra 1 28 MB DIMM, Added a HP I 0/4/32x	Microcomputing / Best Buy	2,546	1	2,546	5	ASAP
Apple G4 Desktop Computer *	PCAHSS	Journ & Broad	Multimedia Desktop Computer	Apple	7,498	1	7,498	5	ASAP
Apple Multimedia Package *	PCAHSS	Journ & Broad	Apple Multimedia Package (incl Power Mac G4 with 500 MHZ processor)	MacMall	3,494	1	3,494	5	ASAP
Pentium III Instructional / Public Access PC's *	UNIV LIB	Univ Lib / Dean's Office	Pentium III Instructional / Public Access PC's	Dell	1,315	73	95,995	5	June 2001
Pentium III Laptop System *	UNIV LIB	Univ Lib / Dean's Office	Instruction Pentium III Laptop System	WKU Bookstore	3,000	2	6,000	5	June 2001

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LCD Projection Panel Units	UNIV LIB	Univ Lib / Dean's Office	Instructor LCD Projection Panel Units	CTX Opto, Inc	3,000	2	6,000	5	June 2001
Classroom Instructional Media									
TV	GRAD STU	Ext Campus/ Women Stu	TV for classrooms	Best Buy	400	9	3,600	5	ASAP
VCR	GRAD STU	Ext Campus/ Women Stu	VCR for classrooms	Best Buy	300	9	2,700	5	ASAP
Carts	GRAD STU	Extended Campus	Carts	Cardinal Office Supply	300	6	1,800	5	ASAP
Overhead Projectors	GRAD STU	Extended Campus	Overhead Projectors	Cardinal Office Supply	300	10	3,000	5	ASAP
Overhead Stands	GRAD STU	Extended Campus	Overhead Stands	Cardinal Office Supply	250	3	750	5	ASAP
Proxima	GRAD STU	Extended Campus	Proxima Projector for use in classrooms	The Projector Superstore	4,000	1	4,000	5	ASAP
Slide Projectors	GRAD STU	Extended Campus	Slide Projectors	Cardinal Office Supply	300	2	600	5	ASAP
Smart Classroom	GRAD STU	Women's Studies	Smart Classroom	Office Furniture USA / WKU	2,234	1	2,234	15	Summer 2001
Computer with Monitor *	ACAD PRG	Ctr for Teach & Learn	Laptop Computer	Dell	3,000	1	3,000	7	Fall 2000
Dell Optiplex Computer *	ACAD PRG	Honors	Dell Optiplex GX I I O T Pentium III Computer	Dell	2,116	1	2,116	5	November 2000
Computer with monitor and printer *	ACAD PRG	International Program	Desktop computer with monitor and color inkjet printer plus internet	Dell	2,000	1	2,000	5	Spring 2001
Disabled Students Lab *	STU SVCS	EEO / ADA Compliance	Audiotech Personal Educational System w/ neckloop, Braille Embosser, etc.	Audiotech, Humanware, etc.	15,519	1	15,519	7	ASAP

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<div>Project Implementation</div>									
Equipment Item Name	College	Dept.	Brief Description of Equipment	Vendor	Unit Price	Quantity	Total Cost	Life Expect Years	Date of Acquisition
Computers with Monitors *	STU SVCS	Minority Student Svcs.	Dell computers with Network Cards & Modems - Minority Students Lab	Dell	2,152	2	4,304	5	ASAP
<b>Total Request - WKU</b>							<b>\$ 1,394,000</b>		

\* Virus Protection will be pooled

Research  
Equipment Only  
Source Of Match

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